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varying their Length, remained in the West; often rising almost to the Zenith, but generally seeming to hang between 30 and 70 Degrees, so far as I could conjecture. When this beautiful Appearance ceased, the Sky appeared reddish in the East; what before constituted the lucid Globe, seemed resolved into light Clouds, of various Forms; and that Part of the Horizon looked much as it does in a Summer's Morning, when the Sun is within a few Minutes of its rising, and tinges the Clouds of a light Red. But all this seemed to disperse in a few Minutes, about Seven; and I neither saw nor heard of any thing remarkable.

## LII.

*An Account of the Earthquake which happen'd about a Quarter before One o'Clock, on Sunday, September 30. 1750. by Mr. —— Steward to the Earl of Cardigan.*

*Deene, Oct. 2. 1750.*

*Read Oct. 25. 1750.* IN the Morning there was a gentle westerly Wind, something cool; but for some time before the Earthquake happen'd, it was quite calm and close, and much warmer. The Air was very dry, and filled with Clouds that had no Motion, but prevented the Sun's appearing (I think) all Day. The Noise that preceded the Earthquake was, for a few Seconds, like the rumbling of

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of a Coach upon a Bridge, or Thunder at a Distance, when there were two considerable Explosions very near one another, which gave the great Shock ; and after that the Noise continued as before for about half a Minute, the Earth trembling all the while ; but I don't find any body perceived any sulphureous Smell.

The Direction of the Earthquake was from West to East ; as was very easily discerned by every body that was out of Door, as I was, and took notice of the Noise.

It is probable it began in *Derbyshire*, or some of the Counties to the West of that (for I am informed it was felt as much at *Derby* as here, and at all Places between) ; and passed off the Island thro' *Lincolnshire*, and Part of *Cambridgeshire*.

The Breadth from North to South I imagine to be 40 or 50 Miles ; of which much the greatest Part lay North of this Place.

The Force of the Shock was chiefly, if not intirely, lateral ; and so considerable, as that several People, who were sitting in Chairs, catched at the Walls, Tables, and such things as stood next them, expecting they should be thrown down : Buildings of all Kinds were shaken greatly ; and the Beds, Chairs, and such things as stood above-stairs were displaceed, and rocked about very much : Windows were shaken as if they would have been broken ; and in several Places Pewter upon Shelves in Kitchens thrown upon the Floor.

At several Churches, where divine Service was not finished, both in this County, *Rutland*, and *Leicestershire*, the People were so alarmed, that they

they ran out, fearing the Churches would fall on their Heads; and some were so terrified, they swooned away.

At *Stonton*, some of the Plaistering of the Church was shaken down; which most terribly frightened the People that were in it, and obliged them to run out. — I have not heard of any Damage being done by it more than some Chimnies thrown down, but nobody hurt by them.

*P. S. Deene* stands close to the Road which leads from *Northampton* to *Stamford*; it is about 25 Miles from the former, and 10 from the latter.

### LIII.

*Extract of a Letter from Mr. Henry Green to Mr. James Ayscough, Optician, in Ludgate-Street, relating to the Earthquake felt Sept. 30. 1750.*

*Written in Leicestershire, Oct. 22. 1750.*

*Read Oct. 25.*

*1750.* **A**S I have Room enough, I may as well give you some little Account of the Earthquake which happen'd in this and the neighbouring Counties, on *Sunday* the 30th of last Month, about half an Hour past 12 at Noon.

The first Shock appear'd to us, at our House, as if a large Stack of Chimnies had fallen through the Roof upon the Chamber-floor over our Heads (which at first we took to be the Case, but in a

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